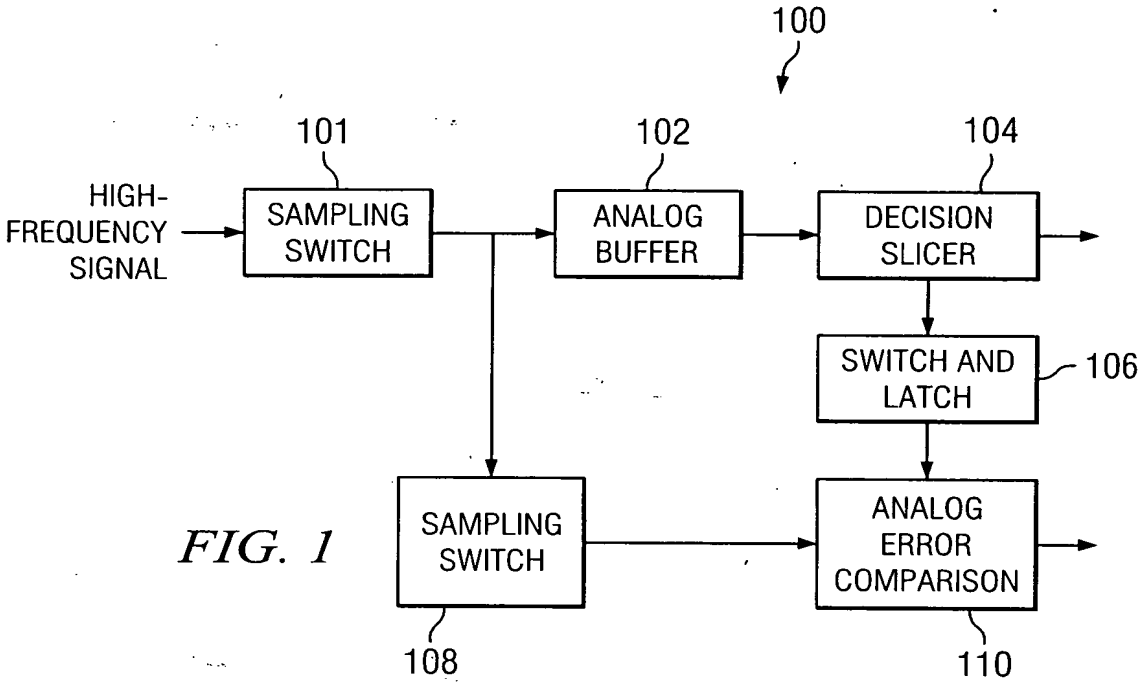

100
101
102
104
HIGH-FREQUENCY SIGNAL
SAMPLING SWITCH
ANALOG BUFFER
DECISION SLICER
SWITCH AND LATCH
106
SAMPLING SWITCH
ANALOG ERROR COMPARISON
108
110

FIG. 1

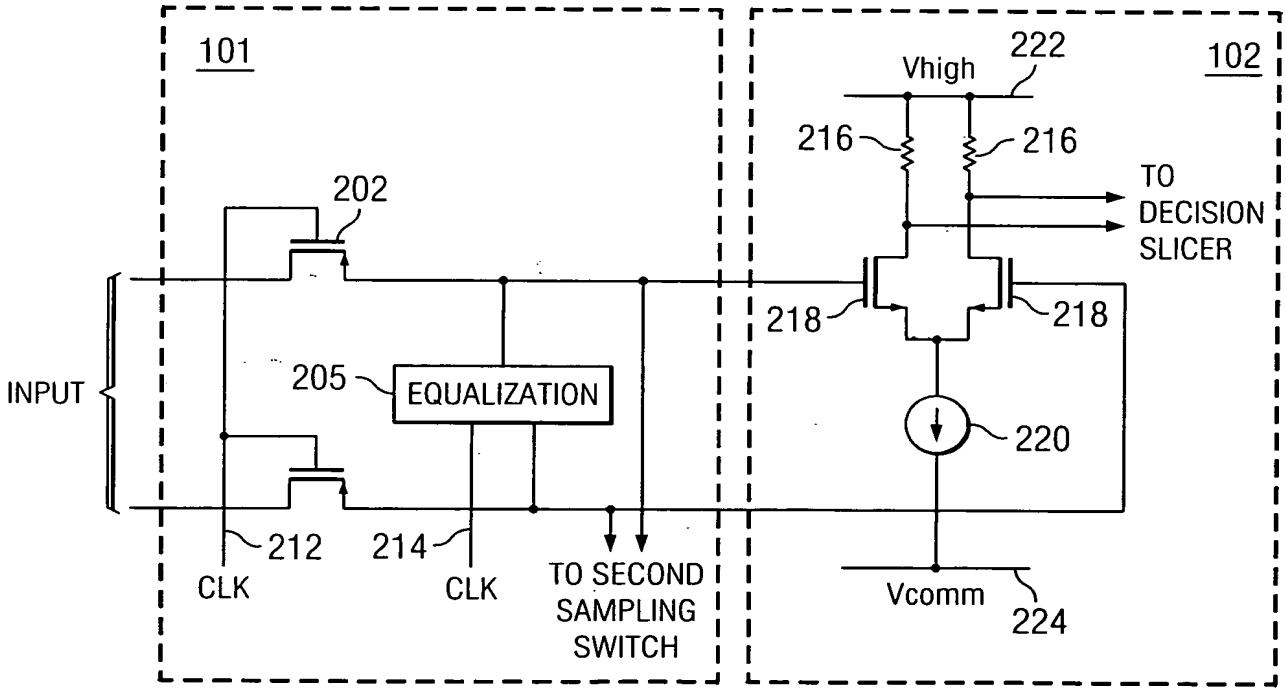

101
102
Vhigh
222
216
216
TO DECISION SLICER
202
INPUT
205
EQUALIZATION
218
218
220
212
214
CLK
CLK
TO SECOND SAMPLING SWITCH
Vcomm
224

FIG. 2

FIG. 3

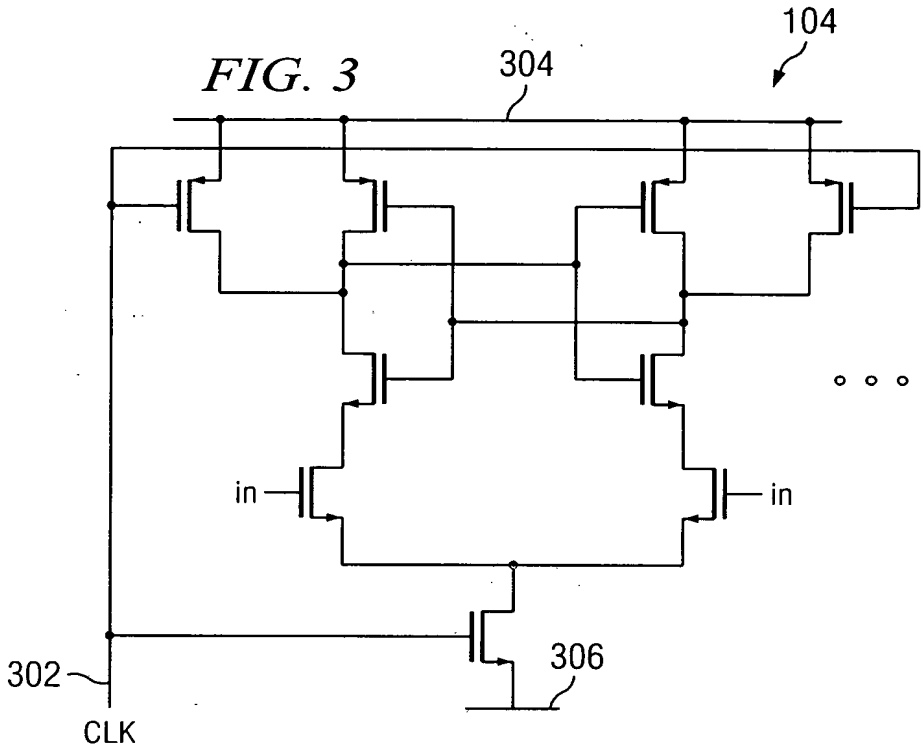

104
304
in
in
306
302
CLK

FIG. 4

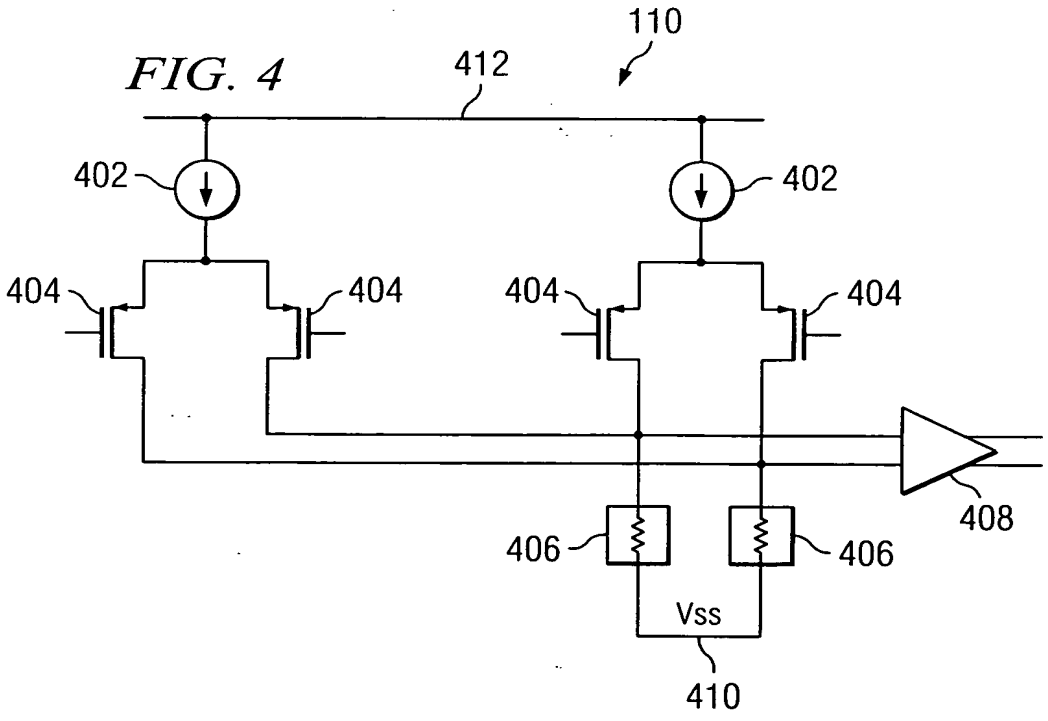
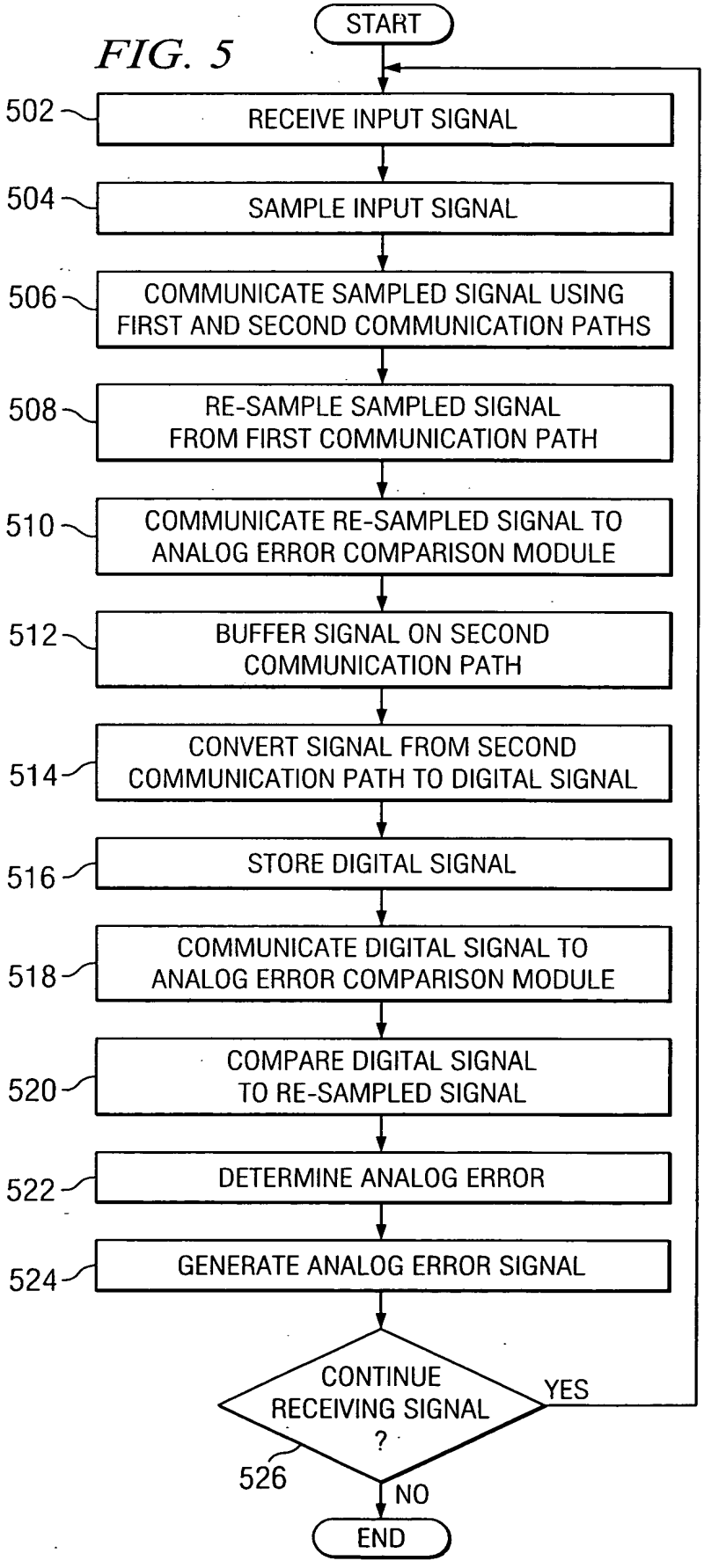

110
412
402
402
404
404
404
404
408
406
406
Vss
410

FIG. 5


START
502
RECEIVE INPUT SIGNAL
504
SAMPLE INPUT SIGNAL
506
COMMUNICATE SAMPLED SIGNAL USING FIRST AND SECOND COMMUNICATION PATHS
508
RE-SAMPLE SAMPLED SIGNAL FROM FIRST COMMUNICATION PATH
510
COMMUNICATE RE-SAMPLED SIGNAL TO ANALOG ERROR COMPARISON MODULE
512
BUFFER SIGNAL ON SECOND COMMUNICATION PATH
514
CONVERT SIGNAL FROM SECOND COMMUNICATION PATH TO DIGITAL SIGNAL
516
STORE DIGITAL SIGNAL
518
COMMUNICATE DIGITAL SIGNAL TO ANALOG ERROR COMPARISON MODULE
520
COMPARE DIGITAL SIGNAL TO RE-SAMPLED SIGNAL
522
DETERMINE ANALOG ERROR
524
GENERATE ANALOG ERROR SIGNAL
CONTINUE RECEIVING SIGNAL ?
526
YES
NO
END